# Rajeev Aswani

## Lead Development Engineer | Full Stack Developer

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Currently working as a **Lead Development Engineer** at **Information Technology Security Co.** *(An OHI Subsudiary)***, Oman**, where I develop and maintain web applications. My expertise includes **Java (8/11), Spring, Spring Boot, Microservices, Docker, Kubernetes, Apache Kafka, RabbitMQ, C++, PHP, Laravel** and various **SQL/NoSQL databases** such as PostgreSQL, MariaDB, Aerospike, MongoDB.  At front-end side, I have used Frameworks and Technologies like **ExtJS 6, React, Flutter, JavaScript, HTML, and CSS**.  My earlier experience includes a position as **Tech. Lead in NOKIA**, where I led a team of 3 developers building middleware solutions using C++, SOAP protocol for **FlexiPlatform**, a platform used for Telecom services development. Before that, I worked as **QA Assurance Engineer** for product: **Optim** in **IBM** automated testcases in SilkTest for various Databases. Lastly, begun my career with **Aricent** as **Software Engineer** for **OMC-R project** used to manage 2.5g networks.

## Skills

**Languages & Frameworks:**  Java, Spring, Spring Boot, Vaadin, Flutter, React, Node.js, ExtJS, PHP, Laravel, C++, C

**Cloud Technology:** AWS

**Message Brokers:** RabbitMQ, Kafka

**Databases:** MariaDB, PostgreSQL, MongoDB, Aerospike

**Web Development:**  HTML, CSS, JavaScript, AJAX, JSON, RESTful APIs, XML, SOAP, Tomcat, Apache

**Tools & Platforms:**  Maven, XLR, Mockito, JMeter, Docker, OpenShift, Git

**Domain Expertise**: SaaS, CRM, ERP, Telecom

## Experience

**LEAD DEVELOPMENT ENGINEER**                                                JAN 2016 – *PRESENT*

Information Technology Security Co. LLC. (An OHI subsidiary)   |   Muscat, Oman

- Working as Software Developer, developing user-friendly REST application(s) using ExtJS/React in front-end and Java, Spring, Spring Boot, RabbitMQ, Kafka, MariaDB / PostgreSQL in the Back-end.
- Working with product owners to understand requirements and propose best business solutions along with migration plan and change proposal.
- Extracting and transforming data from various sources (XML, JSON, text) and presenting results on web pages or exporting to PDF/Excel.
- Monitoring and optimizing application performance, identifying bottlenecks, and implementing solutions to improve user experience and system stability.
- Customer support and Bux fixing.
- For Radius project, developed C/C++ services on Linux platform.

Projects:

- **Radius (Aug 2022 – Present):**
  Implemented **Remote Authentication Dial-In User Service (RADIUS)** for centralized authentication, authorization, and accounting (AAA) solutions for Telecom Service providers **OmanTel** and **Awsar.**

- **ESS-2.0 (Jun 2024 – Nov 2024):**
  A **BPMS solution** for **confidential client**, built using **Flutter (frontend) and Java, Spring Boot, PostgreSQL (backend)** for improved performance and responsiveness.

- **Nucleuz App (e-Link) (Feb 2024 – May 2024):**
  A **SaaS** solution built for **car rental business**, developed using **Php, Laravel and MariaDB**.

- **UnBlur (April 2017 – July 2022):**
  Developed a **web application for deep packet inspection**, built with Vaadin 8 (frontend) and Java, Spring Boot, PostgreSQL (backend).

- **BigData (Jan 2016 – March 2017):**
  Built a web-based **deep packet inspection system** using PHP, HTML, JavaScript (FrontEnd) with C++/C services (backend).

**TECH. LEAD**                                                                                                     DEC 2012 – DEC 2015

NOKIA   |   Bengaluru, India

Project(s):

**Flexiplatform:** is a native IP-based server side platform used at NE (Network Element) side for developing Telecom services.

- Worked as C++/C developer in Middleware in NE3S/WS module, contributing significantly towards NE3SAgent development, an interface between the NMS and NE.
- Led a team of 3 developers building middleware solutions in SOAP for **FlexiPlatform**
- **Features Delivered**: TLS support, IPv6 support, Software Migration, User Management, Third party library migrations, tests automation, etc.
- Comprehensively worked with **gdb** for debugging and **purify** to find and fix memory leak issues.

**SOFTWARE ENGINEER - QA**                                                                                     SEP 2010 – DEC 2012

IBM India Pvt. Ltd.   |   Bengaluru, India

Project(s):

- **Infosphere Optim (Jan 2011 - Dec 2012):**
  provided solutions to Database Archiving issues and Test data management for various DB. Worked as Automation Specialist.

- **Informix (Sep 2010 - Dec 2012):**

Informix is IBM proprietary database. Worked as Automation specialist in RQG (Random Query Generator) module.

**SOFTWARE ENGINEER**                                                                                    AUG 2007 – SEP 2010

Aricent   |   Bengaluru, India

Project(s):

- **OMC-R (Aug 2007 - Sep 2010):**
  OMC-R short for Operations and Maintenance Centre for Radio Networks, is a software used for maintenance of 2.5G Networks. Main Responsibilities as below:
  - C/C++ software developmet, bug fixing and customer support.
  - **Features:** BSC patch management, MFS upload ssh key, etc.

# Certifications

- Spring Boot 3 & Spring Framework 6 with Java (e-link)

# Awards

- **Excellence Award, NOKIA** received in Dec 2015 for sterling feature delivery with great quality.

- **Snap Award (2 times), Aricent** for great quality in bug fixes and feature delivery.

# Education

**M.Tech. (Chemical Engineering), IIT Bombay**                                              Jul 2005 – Jul 2007, Mumbai (India)

**B.E. (Chemical Engineering), MBM Engineering College**                          Jul 2001 – Jul 2005, Jodhpur, Rajasthan (India)

# Hobbies

Cooking • Chess • Leetcode • Teaching